PROJECT TITLE : Material testing

Period Covered : June 30 - July 31, 1980
Report Written by : P. Balliger
Report Approved by : F. Lopes

POROUS PLUG WRAP

HF 40 K - 28 variante 4/2 Glatz
FY HP 40 K Wattens

(Ref. 1)

According to the analytical results, above mentioned porous plug wrap papers correspond to Schoeller & Hoesch FU POV 40L standard quality presently used on pan European Marlboro fully diluted. Although cigarettes MLF - CH produced with these materials gave acceptable smoking figures, it was not possible to obtain a final decision regarding taste evaluation.

Therefore, trials with both porous plug wrap papers have to be repeated.

CIGARETTE PAPER

E 36095 Wattens

(Ref. 2)

This cigarette paper can be compared to the basic quality WP 60 but contains different additives.

However, MLF - CH produced with this material, were refused for taste reason.

CARDBOARD

With a view to diversify cardboard supply sources for hinge lid packs, analytical investigations were carried out on the following material proposed by different suppliers.

- Komet 240 g/m^2 Feldmühle

  Both printed and unprinted cardboards gave acceptable results.

  However, it depends on the outcome of the industrial trial presently running in PMG - Münich, whether this material could be taken into consideration to compete with our standard quality (Iggesund's Invercote D 240).

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- Ensocoat 240 g/m^2 ENSO

The mechanical properties and the appearance of this cardboard are acceptable.

As a small quantity of printed hinge lids has already been produced without problem, a larger trial will be done later on in order to evaluate the machineability of this cardboard.

- Kopparwhite gravure Kopparfors
new quality
210 g/m^2 - 230 g/m^2

Due to the fact that, the internal layer of this cardboard is made with a thermomechanical TMP paste (wood), the visual appearance is somewhat less whiter than the pure cellulose cardboard.

Based on these considerations, above mentioned cardboard cannot be compared with our Iggesund standard quality for the time being.

COLLECTIVE POROSITY TEST

The purpose of this operation is to have a valuable porosity comparison within QC PME affiliates as well as with our main suppliers for various cigarette wrapping material.

In a first step, several test strips of different Schoeller & Hoesch cigarette papers were measured respectively in FTR, PMG - Münich and PMG - Berlin. The results gave no significant variations.

Consequently, the same samples were submitted to Schoeller & Hoesch in order to determine whether a correlation curve is necessary.

SUPPLIER'S VISIT TO QC PME

(Ref. 3)

July 2, 1980 : Miguel y Costas
- Trials situation
- analytical methods

QC PME

P. Balliger

REFERENCES

1. Monthly report March 1980
2. Monthly report April 1980
3. Report of visit

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